



PUBLISHED FOR SISSA BY SPRINGER

RECEIVED: June 25, 2016

ACCEPTED: June 27, 2016

PUBLISHED: July 4, 2016

# Erratum: Probing colored particles with photons, leptons, and jets

**Yevgeny Kats and Matthew J. Strassler**

*New High Energy Theory Center, Department of Physics and Astronomy,  
Rutgers University, Piscataway, NJ 08854, U.S.A.*

*E-mail:* [kats@physics.rutgers.edu](mailto:kats@physics.rutgers.edu), [strassler@physics.rutgers.edu](mailto:strassler@physics.rutgers.edu)

ERRATUM TO: [JHEP11\(2012\)097](#)

ARXIV EPRINT: [1204.1119](#)

A phase space factor of  $1/2$  was mistakenly included in eq. (4.9), which describes the photon+jet signal. The correct formula is

$$\sigma_{\gamma g} = \frac{Q^2 \left(C_R - \frac{3}{2}\right)^3 T_R}{4} \pi^2 \alpha \alpha_s \bar{\alpha}_s^3 \frac{\mathcal{L}_{gg}(M^2)}{M^2} \times \{1, 2, 19\} \quad \text{for } j = \left\{0, \frac{1}{2}, 1\right\} \quad (4.9)$$

This error propagates into the theoretical curves in figures 4, 7 and 8.

**Open Access.** This article is distributed under the terms of the Creative Commons Attribution License ([CC-BY 4.0](#)), which permits any use, distribution and reproduction in any medium, provided the original author(s) and source are credited.